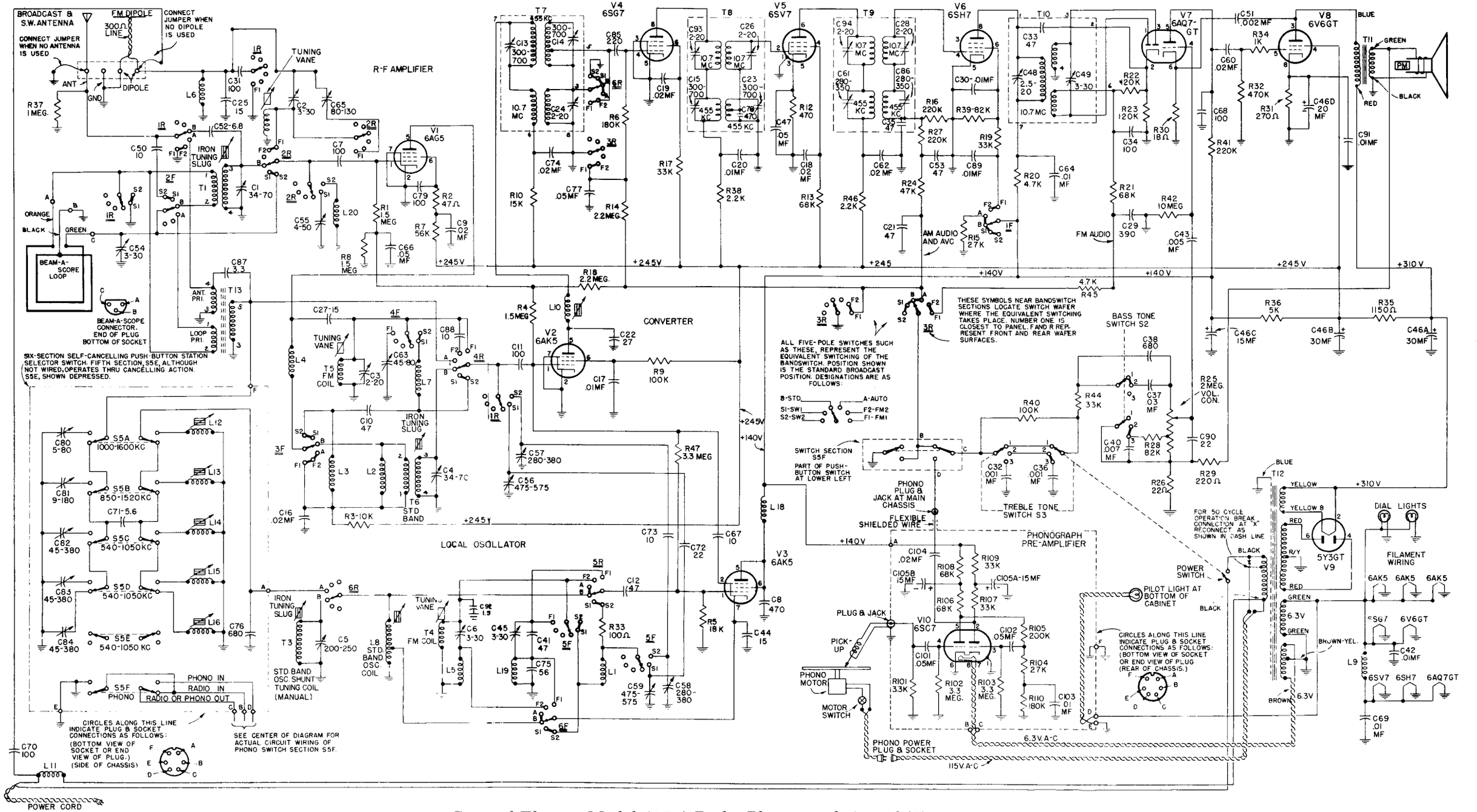
BROADCAST & S.W. ANTENNA
FM DIPOLE
300Ω LINE
CONNECT JUMPER WHEN NO DIPOLE IS USED
CONNECT JUMPER WHEN NO ANTENNA IS USED
ANT
GND
DIPOLE
TUNING VANE
IRON TUNING SLUG
R-F AMPLIFIER
V1 6AG5
V2 6AK5
CONVERTER
V3 6AK5
LOCAL OSCILLATOR
V4 6SG7
V5 6SV7
V6 6SH7
V7 6AQ7-GT
V8 6V6GT
V9 5Y3GT
V10 6SC7
PHONOGRAPH PRE-AMPLIFIER
BEAM-A-SCOPE LOOP
BEAM-A-SCOPE CONNECTOR. END OF PLUG BOTTOM OF SOCKET
SIX-SECTION SELF-CANCELLING PUSH-BUTTON STATION SELECTOR SWITCH. FIFTH SECTION, S5E, ALTHOUGH NOT WIRED, OPERATES THRU CANCELLING ACTION. S5E, SHOWN DEPRESSED.
ALL FIVE-POLE SWITCHES SUCH AS THESE, REPRESENT THE EQUIVALENT SWITCHING OF THE BANDSWITCH. POSITION SHOWN IS THE STANDARD BROADCAST POSITION. DESIGNATIONS ARE AS FOLLOWS:
B-STD
A-AUTO
S1-SW1
F2-FM2
S2-SW2
F1-FM1
THESE SYMBOLS NEAR BANDSWITCH SECTIONS LOCATE SWITCH WAFER WHERE THE EQUIVALENT SWITCHING TAKES PLACE. NUMBER ONE IS CLOSEST TO PANEL. F AND R REPRESENT FRONT AND REAR WAFER SURFACES.
SWITCH SECTION S5F PART OF PUSH-BUTTON SWITCH AT LOWER LEFT
PHONO PLUG & JACK AT MAIN CHASSIS
FLEXIBLE SHIELDED WIRE
PLUG & JACK
PICK-UP
PHONO MOTOR
MOTOR SWITCH
PHONO POWER PLUG & SOCKET
115V.A-C
6.3V.A-C
PILOT LIGHT AT BOTTOM OF CABINET
POWER SWITCH
BASS TONE SWITCH S2
TREBLE TONE SWITCH S3
FM AUDIO
AM AUDIO AND AVC
FOR 50 CYCLE OPERATION BREAK CONNECTION AT "X" RECONNECT AS SHOWN IN DASH LINE
DIAL LIGHTS
FILAMENT WIRING
CIRCLES ALONG THIS LINE INDICATE PLUG & SOCKET CONNECTIONS AS FOLLOWS: (BOTTOM VIEW OF SOCKET OR END VIEW OF PLUG.) (SIDE OF CHASSIS)
CIRCLES ALONG THIS LINE INDICATE PLUG & SOCKET CONNECTIONS AS FOLLOWS: (BOTTOM VIEW OF SOCKET OR END VIEW OF PLUG (REAR OF CHASSIS.)
SEE CENTER OF DIAGRAM FOR ACTUAL CIRCUIT WIRING OF PHONO SWITCH SECTION S5F.
STD BAND OSC. SHUNT TUNING COIL (MANUAL)
STD BAND OSC. COIL
PHONO IN
RADIO IN
RADIO OR PHONO OUT
POWER CORD
+245V
+140V
+310V
BLACK
GREEN
ORANGE
BLUE
YELLOW
RED
BROWN
BROWN-YEL.
PM

General Electric Model 417-A Radio Phonograph (ca. 1947)